

the**solar**range making programmable solar lighting and smart street furniture for public, private and commercial locations.

We like to think of our range as the world's most intelligent solar lighting.

thesolarrange

All products are designed assembled and distributed at our dedicated premises in the United Kingdom.

The Solar Range Limited are the exclusive global distributor in partnership with Adlis smart and Nvidia.







some of our customers...

















Severnside Community Rail Partnership



















Solar lighting with zero energy cost zero carbon emissions

We can design and create customised designs to suit your specific requirement including working prototypes

the**solar**range products combine cutting edge technology with superior quality and design to deliver outstanding performance and reliability.



Did you know?

Internal Applications

We can provide all our Smart Benches and tables for inside.

Using mains power instead of solar. Ideal for use in terminals, stations and shopping centres.

Branding

All our benches are made to order and can be finished in any colour and we can also include your branding on the benches if required. (for multiple units)

Reducing Carbon Emissions

Our benches have 105 watt solar panels.

Based on average daily UK sunshine hours of between 3-4 hours the solar panels will generate between 315WH and 420WH of electricity per day.

Therefore, just one smart bench can reduce carbon emissions by between 0.25kg and 0.33kg per day.



Testimonials don't take our word for it...

Penny Snowden | PS CONSULTING | on behalf of: Sonning Common Parish Council

"I just wanted to say how many positive comments we have already received for the lighting at Memorial Park and to compliment your team on their efficiency and quality of work.

We are delighted by the result and I know it took time to get over the final hurdle, it has definitely been worth all the effort! We hope the lighting provides a safe and welcoming Park for many years to come. Thank you for all your patience and tenacity!"

Alex Bellemare | Civil Engineer | City of Saint-Remi, Canada

"The addition of solar eyes has made our cycle paths safer and greatly improves the experience of cyclists, encouraging them to adopt an active lifestyle day and night. To date 417 solar eyes have been installed for the benefit of citizens. The project will continue throughout 2022 and 2023."

Paul Dudley | President | ID sign systems | USA

"The solar range has a great design portfolio of well selected products and the company gives great attention to detail on every project. We have worked together for many years and have always appreciated the quality of products and excellence of customer service."

Matt Rham | Interim Highway | Improvement Manager | Environment | BCP Council

"Lighting was required for a new cycle and pedestrian path running through a regeneration site in Hamworthy in Poole to encourage safe, active travel. After carrying out extensive research and reviewing a range of product samples, we chose Solar Range to supply special ground level solar powered lights. The lights not only recharge during the day, but they have been specifically designed to not cause disorientation in bats, which standard overhead lighting can sometimes do."

Col Wheeler MPhil | Chairman | Lympstone Fishery & Harbour Association

"The solar eyes are quite spectacular and will offer a much safer pathway across the top of the harbour wall in darkness."

Heather Cullimore | Severnside Community Rail Partnership | Great Western Railway

"First class service with a 5 star product at competitive prices. The solar range provided a customised solution to light up our timetables on platforms using their solar powered illuminated poster cases. All delivered and installed on time and on budget."

Colonel G F Wheeler | Chief Executive | Vranch House

"The Solar Post Bollards installed at Vranch House illuminate the path between the car park and the Hydrotherapy Pool. Apart from adding a much-noticed touch of high-tech pizzazz these remarkable devices automatically illuminate the space from dusk to dawn with a pool of light that grows larger as you get closer to them. They are easy to install, utterly reliable and require only the most simple maintenance. We recommend them without qualification."

therange

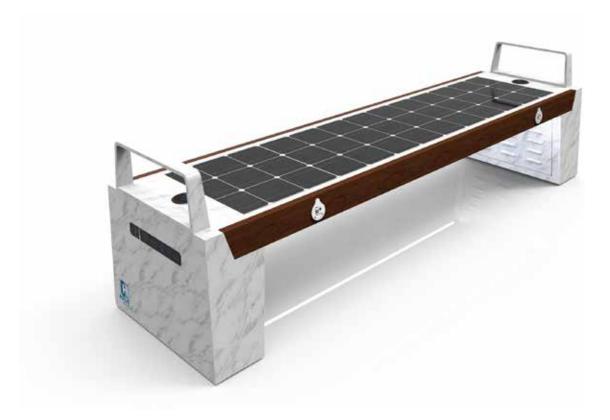
1	1.1	p.12	Solar classic bench with armrest	WYC1809
	1.2	p.15	SOIAR Classic bench WITH BACKREST & ARMREST	WYC1809B
2	2.1	p.16	solar sylva bench	WYC1909B
	2.2	p.19	solar sylva bench with BACKREST	WYC1909C
3	3.1	p.20	solar sylva picnic table	WYC1909A
	3.2	p.23	solar sylva picnic table with BACKREST	WYC1909
4		p.24	solar municipal bench	WYC1908D
5		p.27	solar municipal picnic table	WYC1908B
6	6.1	p.28	SOIar municipal bench with no solar technology	WYC1908B
	6.2	p.29	SOIAR sylva bench with no solar technology	WYC1909G
7		p.30	solar blade bench	WYC1817
8	8.1	p.33	solar post 100	WYL1802
	8.2	p.33	solar post 200	WYL1802A
	8.3	p.33	solar post 300	WYL1802B
9		p.36	solar quad 100/200/300	WYL1801A
10		p.32	solar eye	SEWNS SEWWBH SECWS / SECWBH
11		p.39	solar boom	ELS-04A / ELS-04B / ELS-04C
12		p.40	solar case	SCAW / SCAP / SCA1N / SCA1P / SCA0W / SCA0P
13		p.43	solar shelter	WYS1816
14		p.44	solar canopy	WYC1812
15		p.47	solar wall mars	SWM
16		p.48	solar post mars	SPM
17		p.50	solar downlighter	SWDL
18		p.52	solar hybrid charger	WYL2401

solar classic bench

WYC1809 solar bench with armrest

The classic Solar Smart WIFI Bench offers the very latest cutting edge technology backed up by superb engineering and fabrication.

Produced in stainless steel and powder coated to any RAL colour. Standard features include USB and wireless charging, 4G international router, Bluetooth speaker and discreet LED lighting.



specifications

Material Stainless steel frame with composite wood panels

Finish Powder Coated RAL 7012 Basalt Grey

Dimensions L 195cm w 48cm H 42cm

Solar Panel 105W

Battery 12v 55Ah

Features • 2no USB ports

• 2no wireless charging

• LED lighting - warm white - sensor

Bluetooth speaker 5/12v

• Wi-fi 4G international router

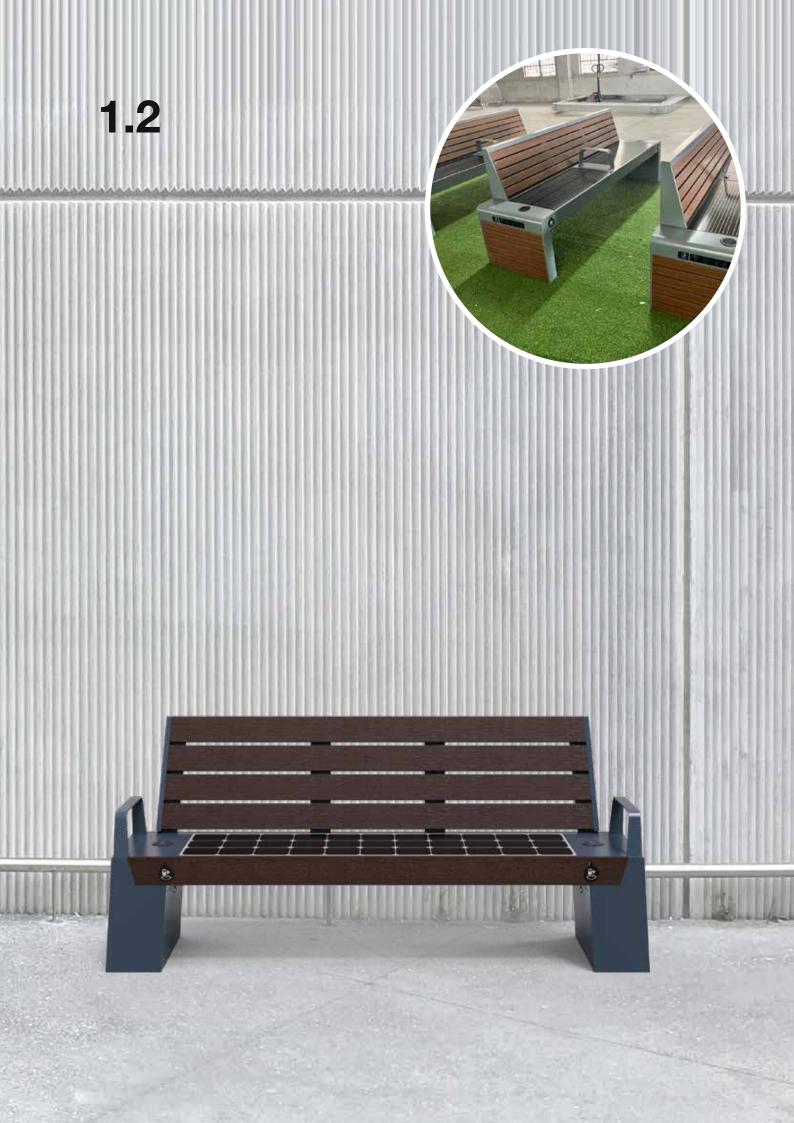
· Cooling fans/temperature seat control

Controller MPPT

Weight 60kg

1.1





solar classic bench

WYC1809B solar bench with armrest and backrest

The classic Solar Smart WIFI Bench offers the very latest cutting edge technology backed up by superb engineering and fabrication.

Produced in stainless steel and powder coated to any RAL colour. Standard features include USB and wireless charging,4G international router, Bluetooth speaker and discreet LED lighting.



Material Stainless steel frame with composite wood panels

Finish Powder Coated RAL 7012 Basalt Grey

Dimensions L 195cm w 48cm H 42cm

Solar Panel 105W

Battery 12v 55Ah

Features • 2no USB ports

• 2no wireless charging

• LED lighting - warm white - sensor

Bluetooth speaker 5/12v

Wi-fi 4G international router

Cooling fans/temperature seat control

Controller MPPT

Weight 70kg

solar **sylva bench**

WYC1909B solar bench

The SYLVA Smart Bench offers the very latest cutting edge technology backed up by superb engineering and fabrication.

Produced in stainless steel and powder coated to any RAL colour with composite wood panel. Standard features include USB and wireless charging, 4G international router, Bluetooth speaker and discreet LED lighting.



specifications

Material Stainless steel frame with composite wood panels

Finish Powder Coated RAL 7012 Basalt Grey

Dimensions L 204cm w 43cm H 40cm

Solar Panel 105W

Battery 12v 55Ah

Features 2no USB ports

2no wireless charging

LED lighting - warm white - sensor

Bluetooth speaker 5/12v

Wi-fi 4G international router

Cooling fans/temperature seat control

Controller **MPPT**

Weight 60kg

2.1





solar sylva bench

WYC1909C solar bench with additional back rest

the SYLVA Smart Bench offers the very latest cutting edge technology backed up by superb engineering and fabrication.

Produced in stainless steel and powder coated to any RAL colour with composite wood panels. Standard features include USB and wireless charging, 4G international router, Bluetooth speaker and discreet LED lighting.



specifications

Material Stainless steel frame with composite wood panels

Finish Powder Coated RAL 7012 Basalt Grey

Dimensions L 204cm w 45cm H 40cm (80cm incl. back rest)

Solar Panel 105W

Battery 12v 55Ah

Features • 2no USB ports

• 2no wireless charging

• LED lighting - warm white - sensor

Bluetooth speaker 5/12v

• Wi-fi 4G international router

Cooling fans/temperature seat control

Controller MPPT

Weight 70kg

solar sylva picnic table

WYC1909A solar smart table and 2 benches

Brand new to market, the SYLVA Smart Bench offers the very latest cutting edge technology backed up by superb engineering and fabrication.

Produced in stainless steel and powder coated to any RAL colour with composite wood panels, the Sylva offers picnic tables as well as benches and standard features include USB and wireless charging, 4G international router, Bluetooth speaker and discreet LED lighting.



specifications

Material Stainless steel frame with composite wood panels

Finish Powder Coated RAL 7012 Basalt Grey

Dimensions Bench: L 204cm w 40cm H 45cm

Table: L 204cm w 80cm H 80cm

Solar Panel 135W

Battery 12v 55Ah

Features • 4no USB ports

2no wireless charging

LED lighting - warm white

Bluetooth speaker 5/12v

Wi-fi 4G international router

Cooling fans/temperature seat control

Controller MPPT

Weight 120kg







solar sylva picnic table

WYC1909 smart table + one bench with backrest + one bench without

Brand new to market, the SYLVA Smart Bench offers the very latest cutting edge technology backed up by superb engineering and fabrication.

Produced in stainless steel and powder coated to any RAL colour with composite wood panels, the Sylva offers picnic tables as well as benches and standard features include USB and wireless charging, 4G international router, Bluetooth speaker and discreet LED lighting.



specifications

Material Stainless steel frame with composite wood panels

Finish Powder Coated RAL 7012 Basalt Grey

Dimensions Bench: L 204cm w 40cm H 45cm

Table: L 204cm w 80cm H 80cm

Solar Panel 90W

Battery 12v 55Ah

Features • 4no USB ports

2no wireless chargingLED lighting - warm white

Bluetooth speaker 5/12vWi-fi 4G international router

Cooling fans/temperature seat control

Controller MPPT

Weight 130kg

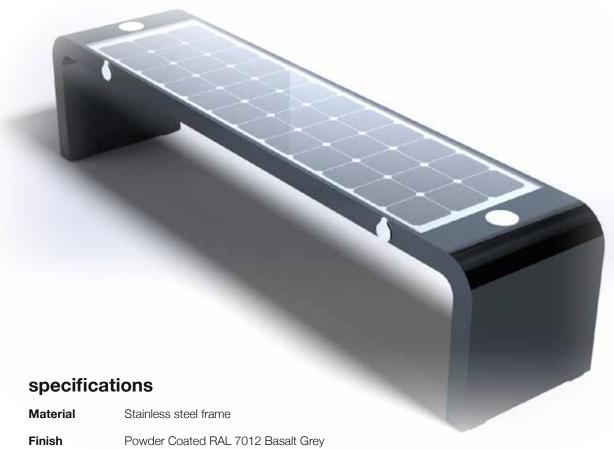
solar municipal bench

WYC1908D Solar Smart Bench

Brand new to market, the Municipal Smart Bench offers the very latest cutting edge technology backed up by superb engineering and fabrication.

Produced in stainless steel and powder coated to any RAL colour, the Municipal offers picnic tables as well as benches and

standard features include USB and wireless charging, 4G international router, Bluetooth speaker and discreet LED lighting.



Dimensions L 204cm W 45cm H 40cm

Solar Panel 105W

Battery 12v 55Ah

Features 2no USB ports

2no wireless charging

LED lighting - warm white - sensor

Bluetooth speaker 5/12v

Wi-fi 4G international router

Cooling fans/temperature seat control

Controller **MPPT**

Weight 60kg



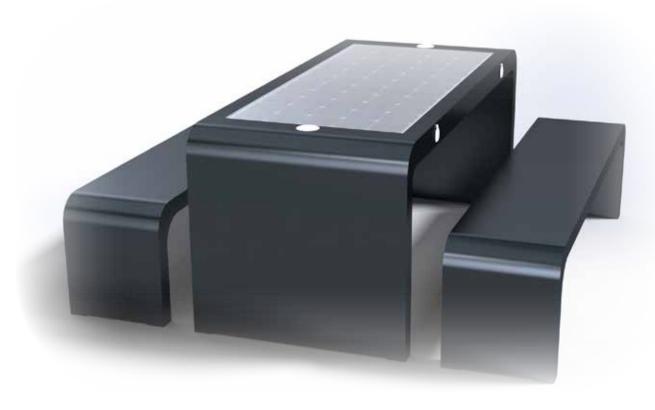


solar municipal picnic table

WYC1908B solar smart table and two benches

Brand new to market, the Municipal Smart Bench offers the very latest cutting edge technology backed up by superb engineering and fabrication.

Produced in stainless steel and powder coated to any RAL colour, the Municipal offers picnic tables as well as benches and standard features include USB and wireless charging, 4G international router, Bluetooth speaker and discreet LED lighting.



specifications

Material Stainless steel frame

Finish Powder Coated RAL 7012 Basalt Grey

Dimensions Bench: L 204cm w 45cm H 40cm

Table: L 204cm w 80cm H 80cm

Solar Panel 135W

Battery 12v 55Ah

Features • 4no USB ports

2no wireless charging

• LED lighting - warm white

Bluetooth speaker 5/12v

· Wi-fi 4G international router

Cooling fans/temperature seat control

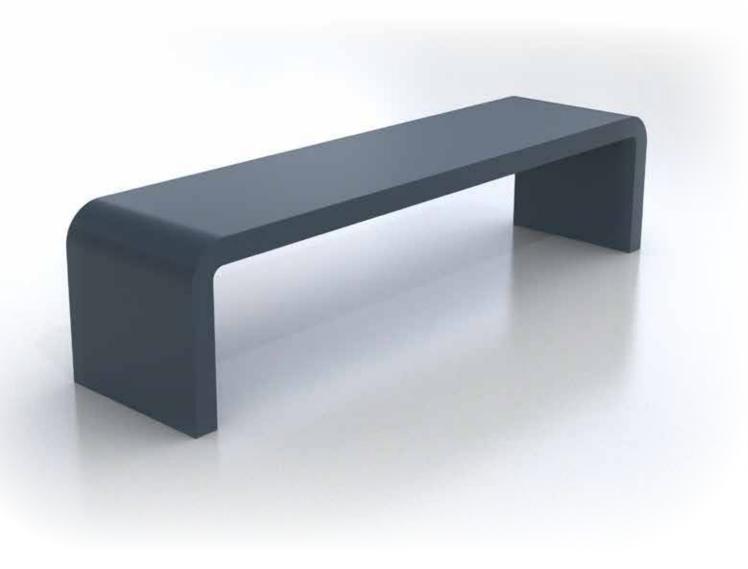
Controller MPPT

Weight 120kg

no-solar municipal bench 6.1

WYC1908B municipal bench no solar technology

Brand new to market, the Municipal Smart Mix up your benches with a combination of solar smart benches and non solar using the same design.



specifications

Material Stainless steel

Finish RAL 7012 basalt grey

Dimensions L204cm x W45cm x H40cm

no-solar **sylva bench** 6.2

WYC1909G sylva bench no solar technology

Brand new to market, the Sylva Smart Mix up your benches with a combination of solar smart benches and non solar using the same design.



specifications

Material Stainless steel with composite wood panels

Finish RAL 7012 basalt grey

Dimensions L204cm x W45cm x H40cm

solar blade bench

WYC1817

Cutting edge design backed up with the very latest solar technology and engineered to the highest quality. Additional features include customised LED lighting in framework of bench.



specifications

Material Stainless steel frame

Finish Powder Coated RAL 7012 Basalt Grey

Dimensions L 191cm w 48cm H 45cm

Solar Panel 105W

Battery 12v 55Ah

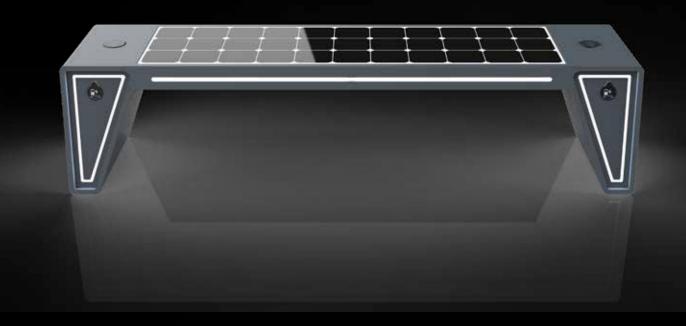
Features • 2no USB ports

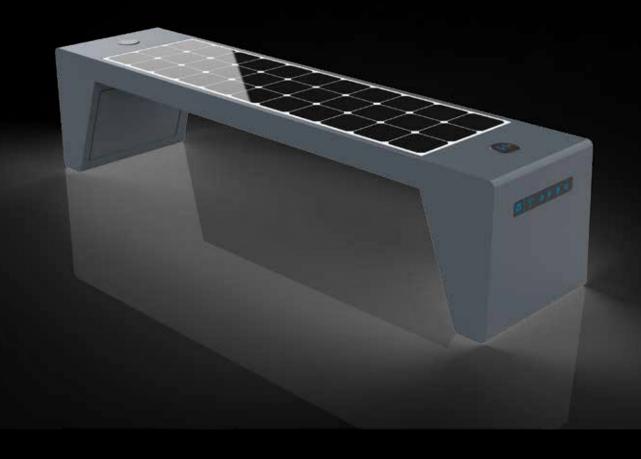
2no wireless chargingLED lighting - warm whiteBluetooth speaker 5/12v

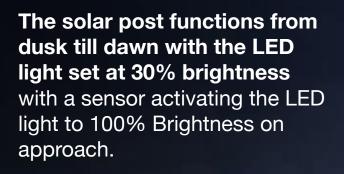
Wi-fi 4G international routerCooling fans/temperature seat control option

Controller MPPT

Weight 80kg







8.0



solar **post 100/200/300**

WYL1802 solar post single-sided 180° lighting

The solar post 100/200/300 is a 1metre/2metre/3metre high solar powered post designed for both commercial and residential use, offering the very latest cutting edge solar technology backed up with the highest quality engineering

The solar posts are ideal for parks, roads, campuses, drives, paths, housing developments and public spaces. Produced in stainless steel and powder coated the PV panels on 3 sides have enough PV wattage for the product to operate in any climate.



Dimensions L16.6cm W 16.6cm H 100cm/200cm/300cm

Material Stainless Steel

Finish Powder Coated RAL 7016

Solar Power sides)

54W/108W/162W, 18W/36W/54W per side (3

Battery 3.7V/12V 10AH

LED 1 Watt

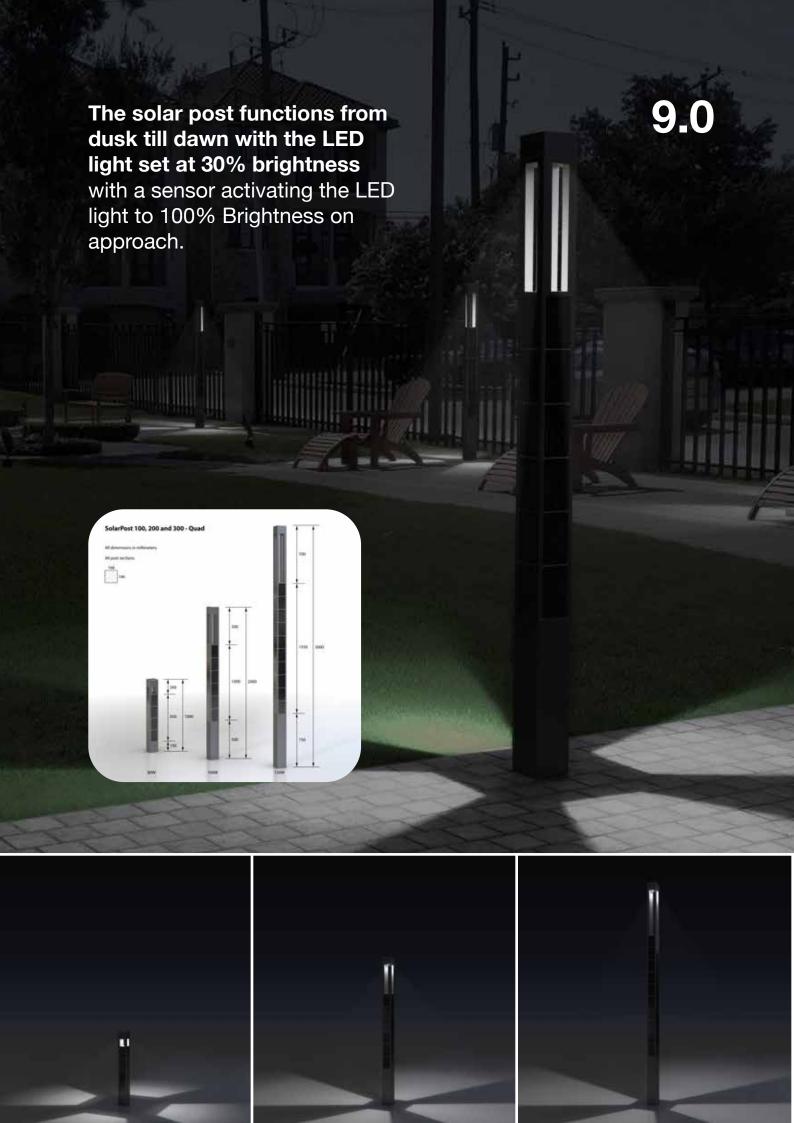
LumensBrightness

110lm at 100% Brightness and 33lm at 30%

Light Colour Cool White 6000k or Warm White 3000k

IP65

Warranty 2 years



solar **quad 100/200/300**

WY1801A / 1M / 2M / 3M solar quad four-sided 360° lighting

The solar quad post comes in heights of 1m 2m and 3m.produced from stainless steel and finished in any RAL colour the LED light spreads 360 degrees.

- · Sensor activated with 100% brightness on approach operating from dusk to dawn.
- · Ideal application for parks, roads, campuses, drives, paths, housing developments and public spaces.
- · These light settings have been designed for the northern European climate.



specifications

• Dimensions Solar Quad 100: 1 Meter

Solar Quad 200: 2 Meter Solar Quad 300: 3 Meter

• Material Stainless Steel

• Finish Powder Coated RAL 7016

• Solar Power Solar Quad 100: 48w

Solar Quad 200: 96w Solar Quad 300: 144w

• Battery Solar Quad 100: 12v 10Ah

Solar Quad 200: 12v 20Ah Solar Quad 300: 12v 30Ah

• LED Solar Quad 100: 1 Watt

Solar Quad 200: 2 Watt Solar Quad 300: 3 Watt

• Lumens 110lm at 100% Brightness

33lm at 30% Brightness

• Light Colour Cool White 6000k

or Warm White 3000k

IP65

• Warranty 2 Years

solar eye

SECWS / SECWBH

Solar powered lighting that gently illuminates nd outlines cycle paths and footpaths.

- · Reduced installation & operational costs
- Wayfinding light
- Tested and Reliable
- Extremely Tough
- LPF Battery
- Visibility
- CE accreditation
- Conservation Friendly



specifications

Material

Light source Battery

Working temperature Body dimensions

Installed height Milling depth Weight

Fixing adhesive

Working time

Flash rate
Waterproof quality
Impact rating
Accreditation
Visibility
Light sensor

High impact durable engineering grade polymer LED (100,000 hrs life) Long life LFP battery (8 years+ anticipated) -20°c to +70°c 100mm (lip) and 80mm body

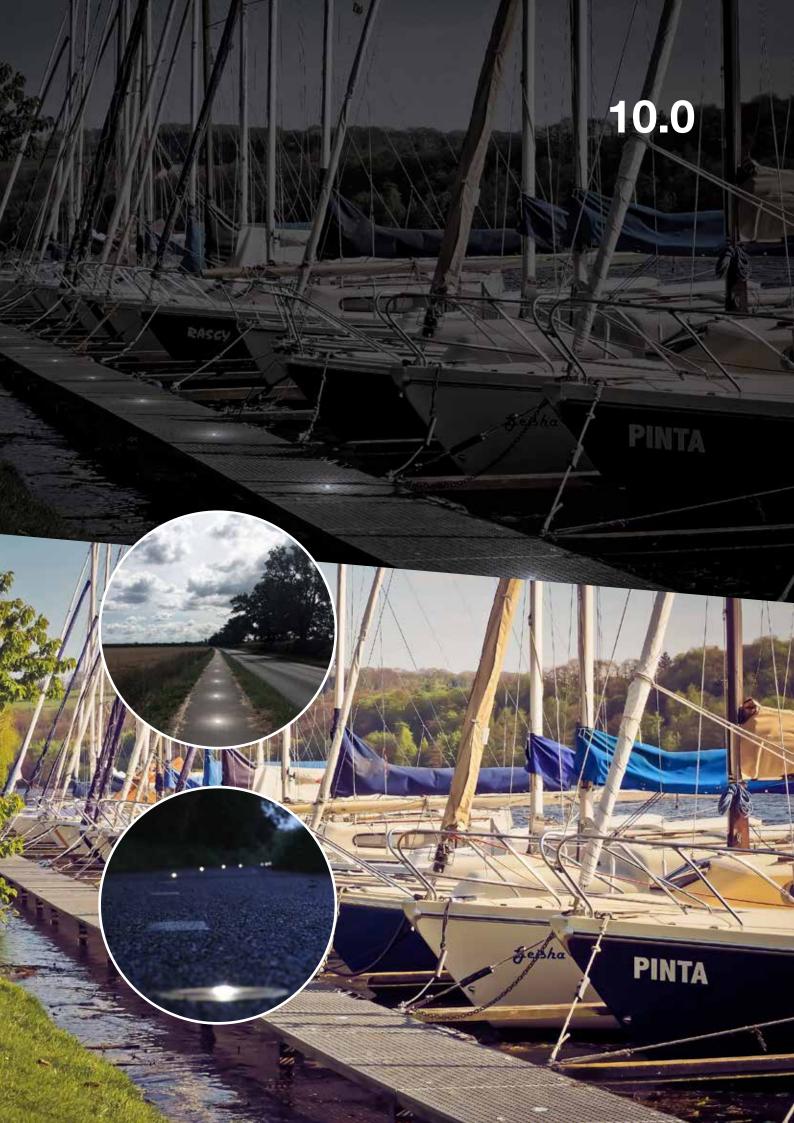
80mm body 6mm nominal 30mm 275g

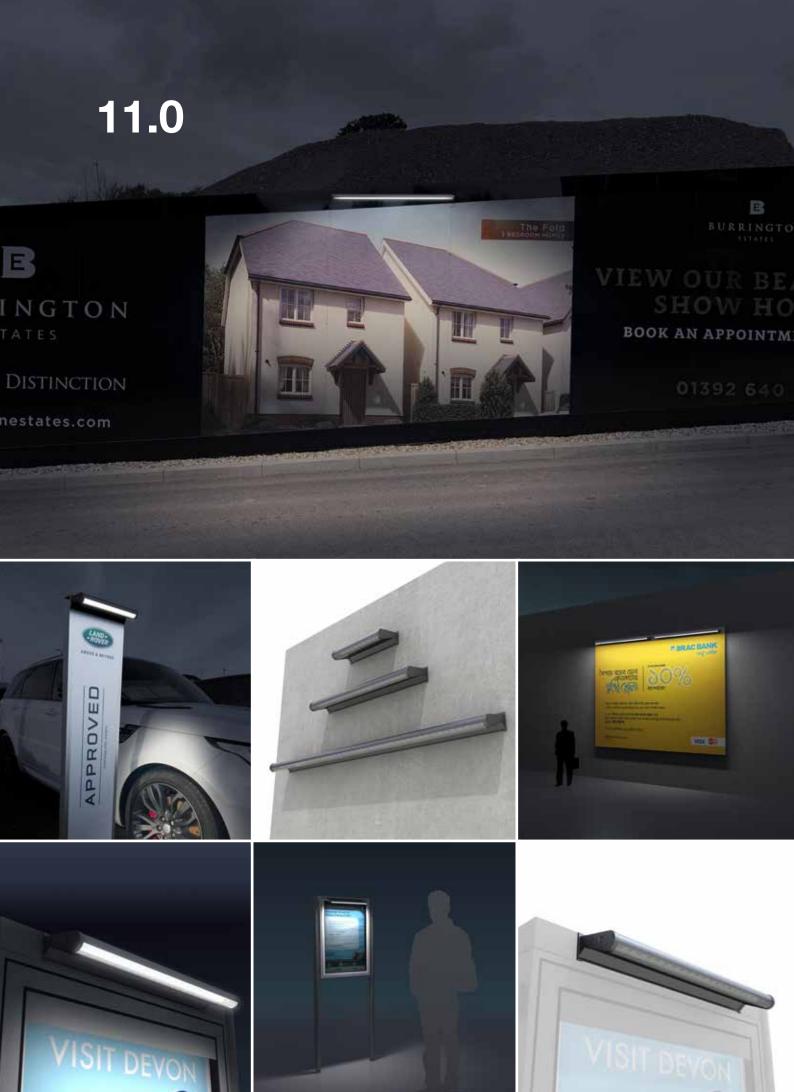
2 component moisture tolerant epoxy

Full charge Flashing red 300hrs+,white

steady 200hrs+ 1 sec on, 1 sec off 1P68

1K10 CE accredited High - up to 500m Auto on/off





solar **boom**

ELS-04A / ELS-04B / ELS-04C

High quality solar powered overhead light unit

Ideal for poster cases, noticeboards, billboards, signage and retrofitting the product comes in 3 different sizes – 300mm 600mm and 1200mm. Dusk to dawn lighting - 5hrs brightness from dusk then dims to 20% brightness to dawn to cope with UK winter climate.



specifications

Material Extruded Aluminium Anodized Dark Grey

Lumens Levels 100-120 lumens per watt

LED Life 50000 hours

Battery 3.7v – 3-5yrs life depending on location

Light Colour Cool White 6000k

Working Temp. -25 to +65 c

Warranty 3 Years

Standard Sizes 300 / 600 / 1200mm

solar case

SCA2W / SCA2P / SCA1N / SCA1P / SCA0W / SCA0P

The Solar Case is a solar powered illuminated LED case.

Built as an exterior cabinet it provides a stylish, practical and efficient way to display information throughout the day and night in this high grade display cabinet.

Essentially it is an outdoor notice board in a robust case that will last for years.

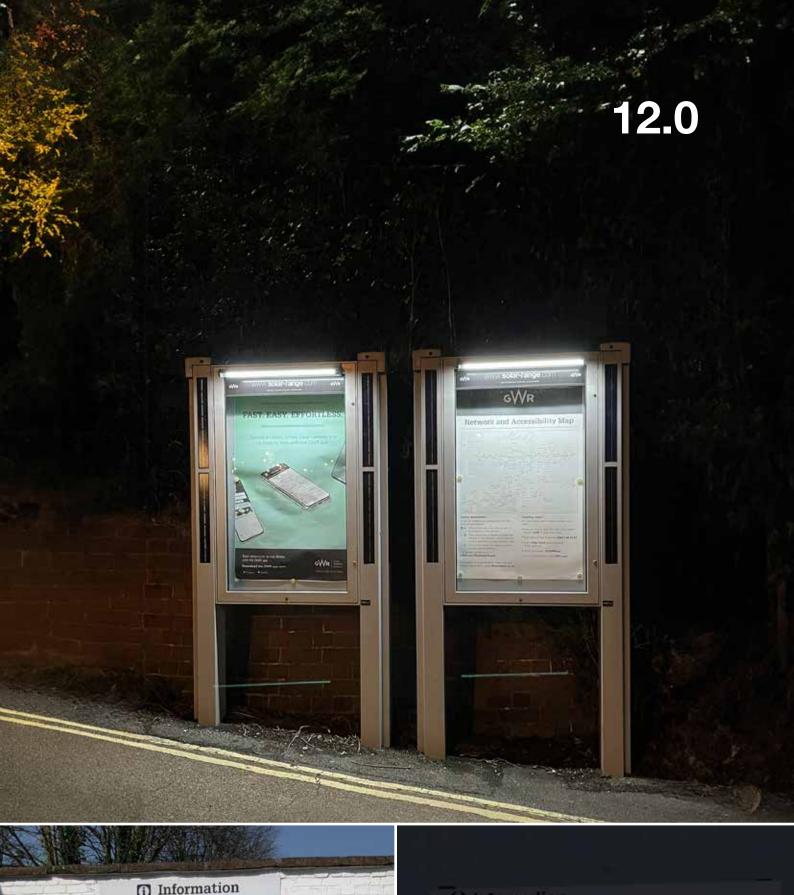


specifications

- LED illumination
- Light colour 6000k
- Pv panel wattage
- 300mm 5w
- 600mm 10w
- 1200mm 20w
- · Beam angle 20 degrees
- Lumens
 - 300mm 500lm | 600mm 1000lm | 1200mm 2000lm
- Lion battery 3.7v all sizes

lighting - solar boom

- 3 Standard sizes 300mm/600mm/1200mm
- · Dark grey anodised
- Zero energy costs
- CO2 neutral
- 5 yr battery life
- · DC charging option
- Simple installation (no hard wiring)
- Sensor systems 25% brightness and 100% brightness on approach
- Remote control activation 4/6/8 hrs then off
- Operating temp -25C to +65C
- Weatherproof IP65







13.0









solar **shelter**

WYS1816

A stunning new design incorporating a solar shelter that can be used at bus stops, train stations, teminals and campuses.

Fabricated from stainless steel and powder coated to any colour the solar shelter has toughened glass panels and includes LED lighting,LED poster cases and a smart bench to provide wireless and USB charging. The bench also provides a built in 4G international router

Available in widths of 3 or 4 meters the smart shelter provides the very latest cutting edge technology all powered by a 420 watt solar panel built into the roof.



ControllerMPPTBattery TypeGel batteryBattery Capacity12V/200AH

USB Charger 2

Led LightLED Strip light inside, working with sensorAdvertising Display800mm H x 384mm W Double Sided

Bluetooth speaker 5/12V

WIFI router 4G / International router

LED screen P6 full colour 480mm H x 320mm W

solar canopy

WYC1812

A stunning new design incorporating a solar canopy, table and benches.

Complete with USB and wireless charging, LED ambient lighting, 4G internet and Bluetooth speakers.



specifications

Material Stainless Steel #201 + WPC Wood

DimensionsLength 230cm
Width 140cm

Height 237cm

Solar Panel 200W

Battery Capacity 12V, 110AH

Controller Type MPPT

Weight Estimated 200kg

DC- AC Converter Optional

USB Charger 2 Wireless Charger 2

Ambient Light LED Spot Lights

Bluetooth Speaker 5/12V

Wi-fi 4G / International router

14.0









15.0

solar wall mars

SWM

The solar wall mars is an ideal lighting solution for residential and commercial properties.

Mars has a choice of settings using a sensor system giving the option of all night illumination on low light or just bright up on approach. Easy to install and competitively priced with warranty support.



specifications

- Led 10 w 1000lm (full brightness)
- Battery 3.6v 2000mAh
- Light colour 4000k
- Pir sensor 5-10m
- IP65 weatherproof
- Warranty 1yr

settings

- 1. 0lm pir 1000lm 10 secs
- 2. 20lm pir 1000lm 10 secs
- 3. 20lm dusk to dawn

solar **post mars**

SPM

An elegant solar powered illuminated bollard with sensor system offering 3 different lighting settings depending on the climate of each country.

Ideal for parks, paths, campuses, drives and public spaces, the solar mars post offers incredible value for money.



specifications

• Material Zero Energy Costs

Colour Aluminium powder coated black

• **Dimensions** Length 100cm

Width 10cm Height 10cm 1m Post

• Custom Light Setting Time settings to suit each country

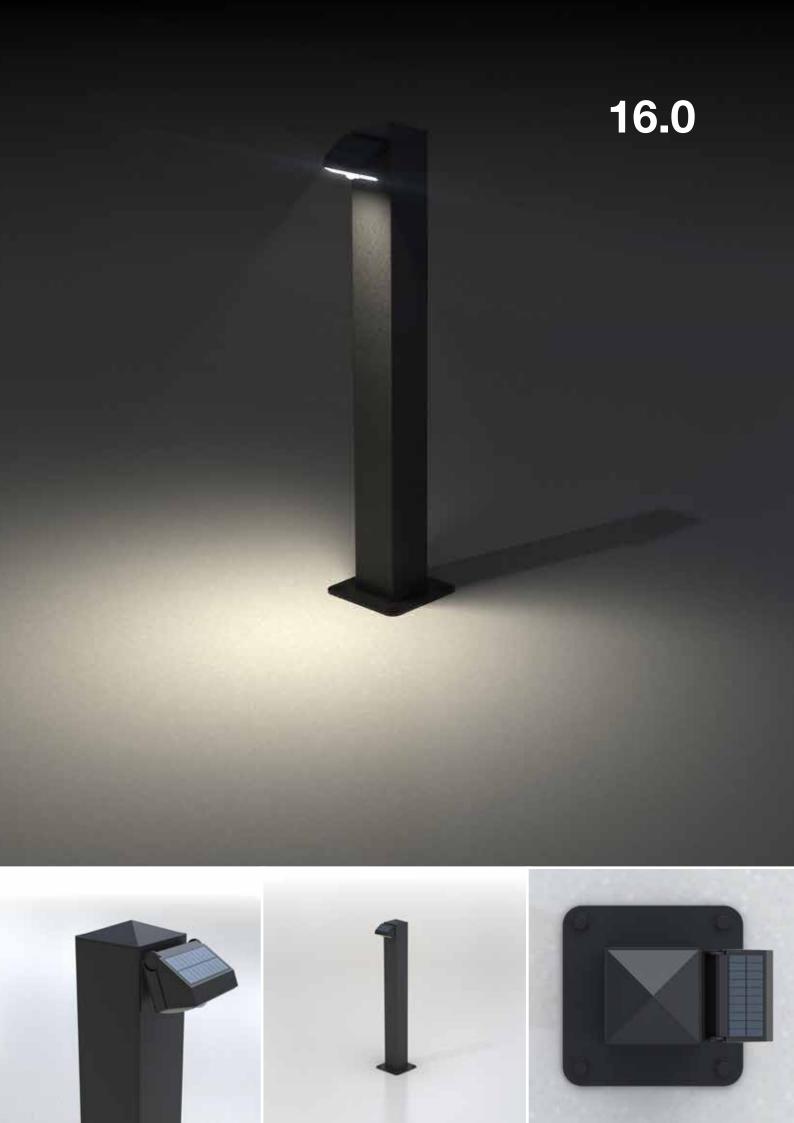
• Lighting LED 10w 1000lm (Full Brightness

• Light Colour 4000k

• Sensor PIR Sensor

• **IP** IP65

• Warranty 12 Months



solar downlighter

SWDL

illuminate your portable conveniences, outdoor buildings and shelters efficiently with the solar downlighter.

this solar powered roof light is designed with a built-in sensor to provide automatic lighting when needed.

the solar downlighter is the ideal solution for ensuring bright, reliable lighting in outdoor settings without the need for hard wiring or an external power source.



specifications

Lumens

Model SHL-06

Solar panel 5v 1.2w

Battery 2000mAh

300lm

Material ABS

Colour black

PIR sensor

Warranty 2 yrs

Working temp -25 + 60



solar hybrid charger

WYL2401 solar charger

This solar post is an electric vehicle charger station, working on hybrid energy.

The light is at 30% brightness from dawn to dusk and 100% brightness when people are

charging cars.



specifications

Material Stainless steel frame #201

Dimensions L 18cm w 18cm H 200cm

Solar Panel 62W

Battery 12v 20Ah

Features • LED spot light, warm white, 3w

• RGB colour change indicates charging status

1pc gun head

• 3m / 5m cable length

• 50Hz Operating Frequency

Weight 50kg









The Solar Range Limited are the exclusive global distributor in partnership with Adlis smart and Nvidia.









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